

AMENDMENTS TO THE SPECIFICATION

Please amend the paragraph following the caption "Cross Reference to Related Applications" on page 1 of the specification (which paragraph was added by preliminary amendment on Sept 1, 2001) as follows:

This patent application claims priority to PCT patent application US01/13793, filed 26 April 2001; which claims priority to U.S. patent application Serial No. 09/560,367, filed 28 April 2000; U.S. Serial Nos. 09/825,856, filed 3 April 2001; and U.S. Serial Nos. 09/825,876, filed 3 April 2001; and which also claims the benefit of the filing date of U.S. Provisional Application Serial Nos. 60/232,696, filed 14 September 2000, 60/257,517, filed 21 December 2000, and 60/239,020, filed 13 February 2001, each of which is incorporated herein by reference. 60/269,020

KK  
4/27/05

Please amend paragraph [371] as follows:

[371] The step 2 product pool was evaporated to an oil using two 20-L rotovaps. During evaporation it was necessary to add ethanol in order to minimize foaming. The dried material was re-suspended in 1.0 L of methanol and diluted with 0.67 L of water to make 1.67 L of a 60% methanol solution. The resulting solution was loaded onto a 1-L C18 chromatography column (55 x 4.8 cm) that had previously been equilibrated with 3 column volumes of 60% methanol. The loading flow rate averaged at 64 mL/min. The loaded column was washed with one liter of 60% methanol, and elution of the epothilone D product was carried out isocratically using 70% methanol at a flow rate of 33 mL/min. A total of 27 fractions were collected, with the first fraction containing 3.8 L by volume. This was followed by three 500-mL fractions and twenty-three 250-mL fractions. Fractions 5-20 were taken as the best pool (K125-179-D), containing 4.8 g of epothilone D. Fractions 3-4 (K125-179-C) contained 1.4 g of epothilone D. Because this pool also contained high concentrations of epothilone C, it was set aside for re-work (Step 3b).

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**WO 01/083800 A2**

(54) Title: PRODUCTION OF POLYKETIDES

(57) **Abstract:** Recombinant *Myxococcus* host cells can be used to produce polyketides, including epothilone and epothilone analogs that can be purified from the fermentation broth and crystallized.

09/957,483 claims priority from

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